(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

## (19) World Intellectual Property Organization International Bureau

(43) International Publication Date

30 October 2003 (30.10.2003)

Organization
emational Bureau
OM



## 

**PCT** 

(10) International Publication Number WO 2003/088922 A3

(51) International Patent Classification<sup>7</sup>: G01N 33/53, C12P 21/06

C12Q 1/00,

(21) International Application Number:

PCT/US2003/012667

(22) International Filing Date: 21 April 2003 (21.04.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/374,245

19 April 2002 (19.04.2002) US

- (71) Applicant (for all designated States except US): UNI-VERSITY OF ROCHESTER [US/US]; 601 Elmwood Avenue, Box 706, Rochester, NY 14642 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MCCANCE, Dennis [US/US]; 123 Grosvenor Road, Rochester, NY 14610 (US). WESTBROOK, Thomas, F., III [US/US]; 1111 Lac de Ville Boulevard, Rochester, NY 14618 (US).
- (74) Agents: HUIZENGA, David, E. et al.; Needle & Rosenberg, P.C., The Candler Building, 127 Peachtree Street, Atlanta, GA 30303-1811 (US).

- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

## Published:

with international search report

(88) Date of publication of the international search report: 15 April 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: E7 REGULATION OF P21<sup>CIP1</sup> THROUGH AKT